

## Title (en)

Device for manoeuvring a tension wheel of a tracked vehicle

## Title (de)

Vorrichtung zur Bedienung eines Spannrads eines Raupenfahrzeugs

## Title (fr)

Dispositif pour manoeuvrer une roue de tension d'un véhicule à chenilles

## Publication

**EP 1466816 A3 20050622 (EN)**

## Application

**EP 04006767 A 20040320**

## Priority

SE 0301046 A 20030409

## Abstract (en)

[origin: EP1466816A2] Device for manoeuvring a tension wheel in a chassis of a tracked vehicle, in which the tension wheel is rotatably mounted on a telescopic rocker arm (12). The rocker arm can, on the one hand, be lengthened and shortened by means of a first hydraulic cylinder and, on the other hand, swivelled about a transverse axis (14) by means of a second hydraulic cylinder for the purpose of raising and lowering the tension wheel. The first hydraulic cylinder is designed to act upon a lever arm (58) of a sleeve (54) rotatable in a hub part (20) of an inner part (18) of the rocker arm (12), which sleeve has an eccentrically mounted crank pin (52) which is hinge-connected to an outer part (22) of the rocker arm for the purpose of displacing the latter relative to the inner arm part, in the event of a mutual rotation motion between the sleeve (54) and the hub part (20) of the inner rocker arm part, in such a way that the rocker arm is lengthened upon a downward swivel motion of the arm and the tension wheel. <IMAGE>

## IPC 1-7

**B62D 55/30**

## IPC 8 full level

**B62D 55/30** (2006.01)

## CPC (source: EP US)

**B62D 55/305** (2013.01 - EP US)

## Citation (search report)

- [A] US 5316381 A 19940531 - ISAACSON CHARLES D [US], et al
- [A] WO 9917978 A1 19990415 - HAEGGLUNDS VEHICLE AB [SE], et al
- [A] US 3154317 A 19641027 - VARNE GUSTAFSSON AXEL GERHARD
- [AD] SE 468939 B 19930419 - HAEGGLUNDS VEHICLE AB [SE]

## Cited by

EP1818244A3; US7597411B2; US8708431B2; WO2010071552A1

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## DOCDB simple family (application)

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